

Title (en)
METHODS FOR PRODUCING PROPYLENE

Title (de)
VERFAHREN ZUR HERSTELLUNG VON PROPYLEN

Title (fr)
PROCÉDÉS DE PRODUCTION DE PROPYLÈNE

Publication
EP 3317236 B1 20190918 (EN)

Application
EP 16738271 A 20160623

Priority
• US 201562188052 P 20150702
• US 2016039012 W 20160623

Abstract (en)
[origin: WO2017003817A1] According to one embodiment described in this disclosure, a process for producing propylene may comprise at least partially metathesizing a first stream comprising at least about 10 wt.% butene to form a metathesis-reaction product, at least partially cracking the metathesis-reaction product to form a cracking-reaction product comprising propylene, and at least partially separating propylene from the cracking-reaction product to form a product stream comprising at least about 80 wt.% propylene.

IPC 8 full level
C07C 4/06 (2006.01); **B01J 35/00** (2024.01); **C07C 6/04** (2006.01); **C07C 11/06** (2006.01)

CPC (source: EP KR US)
B01J 23/30 (2013.01 - EP US); **B01J 29/0341** (2013.01 - EP KR US); **B01J 29/035** (2013.01 - EP KR US); **B01J 29/40** (2013.01 - EP US); **B01J 29/48** (2013.01 - KR); **B01J 35/19** (2024.01 - EP KR US); **B01J 35/30** (2024.01 - EP US); **B01J 35/40** (2024.01 - EP KR US); **B01J 35/635** (2024.01 - KR); **B01J 35/647** (2024.01 - KR); **B01J 37/0201** (2013.01 - EP KR US); **C07C 4/06** (2013.01 - EP KR US); **C07C 6/04** (2013.01 - EP KR US); **C07C 11/06** (2013.01 - KR); **B01J 29/005** (2013.01 - EP US); **C07C 2521/08** (2013.01 - EP US); **C07C 2523/30** (2013.01 - EP US); **C07C 2529/40** (2013.01 - EP US); **Y02P 20/52** (2015.11 - EP US)

C-Set (source: EP US)
1. **C07C 6/04 + C07C 11/06**
2. **C07C 4/06 + C07C 11/06**

Designated contracting state (EPC)
AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)
WO 2017003817 A1 20170105; CN 107709276 A 20180216; CN 107709276 B 20201013; EP 3317236 A1 20180509; EP 3317236 B1 20190918; JP 2018521053 A 20180802; JP 6704941 B2 20200603; KR 102063095 B1 20200108; KR 20180025935 A 20180309; SA 517390635 B1 20210620; SG 10201913486W A 20200227; US 10059645 B2 20180828; US 10214466 B2 20190226; US 2017001926 A1 20170105; US 2018327338 A1 20181115

DOCDB simple family (application)
US 2016039012 W 20160623; CN 201680038822 A 20160623; EP 16738271 A 20160623; JP 2017567371 A 20160623; KR 20187003251 A 20160623; SA 517390635 A 20171228; SG 10201913486W A 20160623; US 201615190964 A 20160623; US 201816043924 A 20180724